

Baby Clinic -

23 in Toronto.

Give health supervision to those unable
wt. recorded & on card & mother.
Advises mother on general care
child seen for superv. of habits, etc.

Public Health Nurses -

Well trained.

Health practice for safety of individual

I meeting -

Beneficial reaction

charts, models - movies

II Newspaper -

III Local Papers

Valuable - helpful if not written right.

IV Printed Matter -

Distributed by H. Dept - helpful. Books - Not too

V Radio - Good time - good response

VI Exhibits - Diagrams, charts, posters

VII Movies - Scientifically correct.

Public Health Clinics -

16 Hospitals 7 types - ① Child welfare - every 2nd
② Obstetrical clinic - pre-natal care 148.9 per 1,000 120.2 per 1,000
③ General disease - child + ad. in early stages a infirm.
④ Heart - ⑤ Chest - 18 - province. In 1. 3 complete exams.
4439 chil entering H. I. remedial aspect 0.5% nurse -
Public Health Nurse - Clinics for fathers

Infant Home -

Yonge St - 1875. 1918-42 % due to flu.
1922 infant losses.

Social case worker - living condition
Health

Instruction of own & babies health

Staff - nurses & full time Doc. - visits homes

clinics, etc. Well-Baby Clinic - attendance
compulsory.

Supervision of
Children Blood Test - Wassermann.

Visiting Home Workers

Trade of Home Ex. -

8.30 - 6.30-6 Buying, cooking, mending, etc & care for family & sick persons under whose supervision. For ^{as} possible cost per d. 3.66. Charge according to family needs.
1.9 Red Cross - Confidential Federation \$50,000
Obj - prevent home values - give in nutrition, diets, etc
1. low milk consumption - 2. low whole wheat bread con
3. cafe proceeds all else - 4. can soups used 2 much.

Neighbourhood Workers Assoc.

Assist in budget - meal planning, give fun clothes, etc
make home more attractive. Teach cooking, etc, sewing
Refer illness to Doc. Sick people to clinics. Work with
D.O.T. for Meas, etc

Supply money for denture, glasses, etc. Pre-managed cases.

Staff - 36 workers - 1700 families. Funds - donation
Camp - \$1000.

Can. Soc. & Control of Cancer.
Service Clubs.

Walter Reid
Thomas Tupper

Y

Red Cross.

Canadian Council of Child Welfare.

London Life - Sun, etc.

Health League of Canada.

Dept. of Pensions & National Health.

Prov. ... Public Health.

Associated Medical Service (?)

Moltercraft.

Can. Fed. of Blind
Ontario Safety Council
Can. Safety Council

10^{also} Gasoline + turpentine used sometimes. Alcohol excellent

① Value of any dis. increased by heat. - effective in hot water. Some have only cleansing act. - common commer. soap not dependable as hand or skin disin.

11 Disinfection destruction of all organism capable of

producing disease while disinfectants ^{agents} "

Means - Physical agents ^{1. heat + sunlight effective}
and fresh air - due to ultraviolet ray. Natural rays st. air & heat. ^{2. air & heat}
dry heat ^{3. fire}

not heat. killed 10 mins. - spore beams ^{4. C. Boiling water.}

effective ^{5. D. live steam.}

^{6. E. Steam under pressure.}

~~7. Chemicals.~~

12 Rules followed when P. overcome disease.

1. A complete bath given to C. at end of isolation.
2. Dress P. in unexpected clothing.
3. Clean room thoroughly with soap & water.
4. Expose all articles to sunlight.

Chemicals depend upon 1. cost.

2. effect ^{Poisonous}
^{character.}
Carbolic acid, argyrol, hydrogen peroxide - valuable but last 2 deteriorate rapidly. ^{3. " on other material & rate loose efficiently.}
For home avoid poisonous disinfectants. Valuable in emergencies.

Preparation of fumigation
1. Seal all cracks with adhesive tape
2. Open all drawers, closets
3. When gas set off - leave by exit.
4. When requires period of exposure is over open ground windows from outside.
5. Air thoroughly before entering.

11 Chemicals - use of - all water drawn out of sink causing draught.

Terminology

Antiseptics - Antiseptics

every antisept. (prevents of growth) a diluted form of germicide (germ killer). Cold - ant. & mild disinfectant esp. in preservation of foods.

12 Gaseous - formaldehyde + sulphur dioxide fumigation kill mos & other insects carriers.

Hydrogen cyanide and ships of rats & vermin. Use of gaseous fumigation.

Leptothrix - 2 weeks.
Scarlet Fever - ^{at least 30 days} ~~at least 30 days~~
measles - 10 days after disappearance of rash.
Typhoid fever - no fixed period.
Small pox - til all scabs disappear.
Cerebrospinal meningitis - 14 days.

Infantile Paralysis - 8 in. 6 weeks.

Yellow Fever - short - screaming from mo.

Typhus - ~~not necessary after return of norm. temp.~~
Typhus - not necessary after return of norm. temp.

German measles - 1 week.

Mumps - til swelling is gone.

Chicken Pox - til all scabs are off.

11

Internal disinfectants.

e.g. Benzoin acid - urinary and. None free from danger. employed as therapeutic agents tho tried in sterilization of carriers.

External disinfection -

Practice employed upon infective agent outside body.

Properties of Ideal Disinfectant for 1. use.

1. Work effectively - with or not with presence of organic matter.
2. Stable from chemical standpt.
3. Soluble in water.
4. Harmless to man & higher animals while highly poison to micro-organisms
5. Not corrode metal, bleed pigments, or rot fabrics.
6. Available & good price.
7. effective again infective agents.

Organisms live longer in B's body than walls, etc.

Time convalescent over - few organisms discharged - alive.

6. Practical Use of Antiseptics.

1. None effective to diminish bacterial flora or intestines, mucous membrane of nose likely to be harmed & gall bladder can't be administered.
2. Abscess in skin - Antiseptics - alcohol dries rapidly.
3. Iodine - may cause burns - Most powerful violet green - stains - used by operation.
4. A starch poultice - for sepsis of skin.

Chlorophyll - used medically in:-

1. Combating deep lying infections.
2. Cleansing open wounds - healing infected ones
3. Relieving chronic sinus conditions.
4. Relieving head colds.
5. Healing ulcerated varicose veins & osteomyelitis.
6. Curing mouth inf. as Vincent's Angina.
7. Treating respiratory infections.

Value -

Strengthens cells.

Inhibits bacterial growth.

Gives body tissues chance to apply own defenses -

Disinfection -

Chronological components.

1. Current

2. Terminal.

Current.

1. Offices order destruction of fomites, etc at our expense.

2. Power to remove P. to temporary shelter while house disinfected.

3. Rooms not rented till 6 wks. after case.

4. Can't send fomites to laundry.

5. Books not borrowed from library.

Terminal -

Disinfection may be performed by a thorough "Spring Cleaning".

Legal Requirements -

1. Person suffering or care of case not expose others to risk of infection.

2. ^{Cont'd} Not enter public conveyances.

3. Not send or dispose of any contaminated articles.
4. " engage in occupation when able to spread disease.
5. Child P not re-attend school until cert. from m. o.
6. Power to remove 2 hospitals persons suff. from disease.

Quarantine -

Quarantine - Italian - 40.

From efforts by Venice in 1403 - Black Death.
Venice, Marseilles Genoa - 40 day detention
4 ships.

Federal Quarantine.

International " for 20 diseases - i. e. typhus,
plague, yellow fever, cholera, etc.

Quarantined boats & building disinfected after P.
recovered. - quarantined for known incubation
period of disease.

Isolation - adopted as soon as communicable
disease is recognized.

House Quarantine -

Considerable freedom now -

Whooping cough - as long as close contact with
yellow fever - suff. to keep P. in screened room.

This ad. in schools, private trained nurses -

hosp. etc - public more responsive.

Main Problems -

1. Concerned kids idea - Better to have it over with.
2. Imm. respons. of young pleasure, etc will cold, etc.

Isolation Period of Certain Diseases.

Cholera - vomit or stool exam.

Whooping Cough - 2 wks after onset of
spasmodic cough.

Diseased person separate room - use
separate dishes.

Report III

Development of Public Health in Canada

Mar - 1876 small pox for Islanders.

Sask

1928 - 1st B.H. est. - formation of 14. units in prov. Slab - in O. San. O. P. of prov. Sect. Technician.

Alta - 1905 - 1918 O. H. Services under Dept. of Agric. 1916 O. H. ^{act} Board of 3 members. Travelling clinic - Gy. Ea. Dent. Ex. etc. since '24.

B.C. - 1869

1893 1st T.H. Act because of s-pox. Power in prov. board to rule over local board.

1899 - 1st P.H.A. abolished H. Gov. & C. - Premier Min. Provincial Board of Health.

1910 - An act to provide for medical inspection of Schools.

Health Laws & Regulations

W.H.C. - Educate public to adequate supply, clean etc. Graded & standard

Food - permits to places that sell it.

Joyce O'Neill.

Proaculation - introduction of viruses or other substances into body to produce mild form of disease to contract disease already present.

1820 vaccine - Jenner (immunity)

Ways of preventing typhoid & diphtheria - Ed. Blk. - injecting enough toxin into body - P. produces enough antibodies to combat disease during dangerous yrs.

To help people who are 2 slow 2 form own antibodies

1. drugs or chemical agents to kill bacteria
2. stimulate body cells 2 form anti - substances more abundantly
3. antibodies anti substances made in body by another animal.

Some diseases & cures.

1. Typhoid fever - Vaccines for immunization. Neither serum or vaccines as cure of disease.

2. Tuberculosis - anti-toxin serum cure of disease. Toxin for lasting protection.

3. Epidemic Haemorrhagic Meningitis - specific serum as cure injected intravenously.

4. Cholera - vaccine for immunization.

5. Plague - " " " tried.

6. Pneumonia - serum in certain cases. Drugs - sulphenamide & sulphaglycine most successful as cures.

7. Whooping cough - vaccines tried as cure with encouraging results.

8. Scarlet fever - Antitoxin serum & cure & lasting immunity.

Recent -

~~1. Typhoid fever - active & passive~~ 9. Guinea
~~10. Herp. influenza~~

9. Malaria - drug - quinine.

10. Measles - Anti-toxin therapeutically.

11. Leprosy - a drug chaulmoogra oil.

Immunity - 2 parts

1. Active - lasting protection - cause body to make own antibodies

2. Passive - one not due to P. & when speedy action is simpler, ready substance is used.

T.B. fever - pathology.

